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(54) Title: **BENZAMIDE MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS**

(57) Abstract: The present invention is directed to compounds which are allosteric modulators of metabotropic glutamate receptors, including the mGluR5 receptor, and which are useful in the treatment or prevention of neurological and psychiatric disorders associated with glutamate dysfunction and diseases in which metabotropic glutamate receptors are involved. The invention is also directed to pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which metabotropic glutamate receptors are involved.

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/08627

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07D 209/34, 213/02; C07C 233/05; A61K 31/40, 31/44, 31/16  
 US CL : 548/486; 546/323; 564/153; 514/354, 417, 616

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 548/486; 546/323; 564/153; 514/354, 417, 616

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 CAS ONLINE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	MANO, P,DE, et al, The constitution of isamic acid, Canadian Journal of Chemistry, 1967, Vol 45, pages 2177-2190, especially page 2179.	1 and 8-20
X --- Y	ROSEVEAR, J. et al, A comparison of the reactions of some Ethyl N-Arylcarbamates with Those of the Corresponding Acetanilides. II* Amidomethylation with N-Hydroxymethylphthalimide, Australian Journal of Chemistry, 1990, Vol 43, No. 2, pages 339-53, especially page 342.	1-4 and 8-20
X --- Y	BEDDOES, R. L., et al, Synthesis of 2,3,5,6-Tetrahydro-1H, 4H, 11cH-3a,6a, 11b-TRIAZBENZ(de) ANTHRACENE (5) AND X-RAY CRYSTAL STRUCTURE DETERMINATION OF (5), HEXAHYDRO-1H,4H,7H,9bH-3a,6a,9a-TRIAZAPHENALENE (1), BENZO(B)-1,5,9-TRIAZADODECANE N,N',N''-TRITOSYLAMIDE, AND OF 1,5,9,TRIAZADODECANE N,N',N''-TRITOSYLAMIDE., Tetrahedron, 1987, Vol 43, No. 8, pages 1903-1920, especially page 1904.	1 and 8-20.

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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